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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Richard Harris et al.

Examiner:

U.S. Ser.:

10/658,735

Art Unit: 3737

Filed:

September 9, 2004

Title:

OPTICAL EXAMINATION DEVICE, SYSTEM AND METHOD

## CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the enclosed total of pages including a cover sheet is being facsimile transmitted to the fax number 703-872-9302, in the above-referenced application, to the Patent and Trademark Office on the date shown below.

Typed or Printed Name of Person: Ivan D. Zitkovsky, Reg. No. 37,482

Date: Decenter 21, 2004

Signing Certification

Commissioner for Patents US Patent and Trademark Office

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§1.56, 1.97 AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant submits this Information Disclosure Statement. This Information Disclosure Statement has been filed more than three months after the filing date of this application. but before the mailing date of the first Office Action on the merits; therefore, no feeis required.

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references. The submission of the references should not be construed as admission of prior art.

Under 35 U.S.C. §120, this Application claims priority from US Application 09/711,789, now US Patent 6,738,275. All references cited on the enclosed PTO-1449 form were cited in the parent application, 09/077,835.

December 21,2004

The Applicant respectfully requests that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of all claims, and that the Examiner return the initialed PTO-1449 form to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

This Information Disclosure Statement is being filed before the first Office Action, and therefore the Applicant believes that **no PTO fees are due**, but should there be any fee due, please apply such fees or any credits to Deposit Account 50-2196.

Respectfully submitted,

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FORM PTO-1449 (Modified)	ATTY. DOCKET NO.: N1-045002 SERIAL NO.: 10/658,735		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT: Britton Chance		
	FILING DATE: September 9, 2003	GROUP:	

U.S. PATENT DOCUMENTS

Exam Init.	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate
		2,688,971	09/14/54	Daniels et al.	607	79	09/13/50
		3,068,742	12/18/62	Hicks, Jr. et al.	88	14	06/15/59
	}	3,229,685	01/18/66	Ringkamp et al.	128	2.05	08/30/65
		3,412,729	11/26/68	Smith, Jr.	128	2.05	08/30/65
		3,461,856	08/19/69	Polanyi	128	2	10/23/65
		3,638,640	02/01/72	Shaw	128	2R	11/01/67
		3,709,612	01/09/73	Ciemens	356	178	03/10/71
		3,866,599	02/13/75	Johnson	128	2L	01/21/72
		3,994,585	11/30/76	Frey	356	40 ·	08/11/75
		3,998,550	12/21/76	Konishi et al.	356	39	10/10/75
		4,086,915	05/02/78	Kofsky et al.	128	2L	05/25/76
		4,119,406	10/10/78	Clemens	422	81	05/06/76
		4,138,727	02/06/79	Mantz	364	525	10/31/77
		4,162,405	07/24/79	Chance et al.	250	461	05/23/78
		4,167,331	09/11/79	Nielsen	356	39	12/20/76
		4,223,680	09/23/80	Jöbsis	128	633	03/05/79
		4,281,645	08/04/81	Jöbsis	128	633	06/26/77
		4,321,930	03/30/82	Jöbsis et al.	128	633	09/18/80
		4,380,240	04/19/83	Jöbsis et al.	128	633	08/03/81
		4,416,285	11/22/83	Shaw et al.	128	634	11/22/83
		4,510,938	04/16/85	Jöbsis et al.	128	633	01/24/83
		4,612,938	09/23/86	Dietrich et al.	128	665	09/06/83
		4,800,885	01/31/89	Johnson	128	633	12/02/87
	-	4,805,623	02/21/89	Jõbsis	128	633	09/04/87
-		4,824,242	04/25/89	Frick et al.	356	41	09/26/86
		4,846,183	07/11/89	Martin	128	633	12/02/87
		4,908,762	03/13/90	Suzuki et al.	364	413.09	05/02/88
		4,972,331	11/20/90	Chance	364	550	02/06/89
		4,978,186	12/18/90	Mori	385	31	07/17/89
		5,088,493	02/18/92	Giannini et al.	600	323	02/16/88
		5,090,415	02/25/92	Yamashita et al.	128	665	01/11/91
		5,106,387	04/21/92	Kittrell et al.	606	15	09/21/89
		5,119,815	06/09/92	Chance	128	633	12/21/88
		5,187,672	02/16/93	Chance et al.	364	550	01/22/91

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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**U.S. PATENT DOCUMENTS** 

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate
		5,190,039	03/02/93	Takeuchi et al.	128	633	12/05/90
		5,300,097	04/05/94	Lerner et al.	607	93	09/18/92
		5,358,503	10/25/94	Bertwell et al.	606	27	01/25/94
	}	5,408,093	04/18/95	Ito et al.	250	227.26	03/11/94
		5,420,607	05/30/95	Miller et al.	345	156	04/06/94
		5,551,422	09/30/96	Simonsen et al.	128	633	07/06/94
		5,596,987	01/28/97	Chance	600	310	01/03/95
		5,625,458	04/29/97	Alfano et al.	356	446	02/03/95
		5,655,530	08/12/97	Messerschmidt	600	366	08/09/95
		5,706,821	01/13/98	Matcher et al.	600	310	12/30/94
		5,987,351	11/16/99	Chance	600	473	10/06/97
		6,496,718	12/17/02	Lonky	600	476	05/12/00
		6,618,614	09/09/03	Chance	600	473	09/08/98
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44 10 888	10/1995	DE			
0 233 108 A1	19/08/87	Europe			
0 280 986 A1	07/09/88	Europe			
0 290 279	09/11/88	Europe			
0 467 459 A2	22/01/92	Europe			
WO 92/20273	11/26/92	PCT			
WO 94/16615	04/08/94	PCT			
WO 96/20638	07/11/96	PCT			
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OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.) Chance et al., "Photon Migration in Muscle and Brain," Photon Migration in Tissues, Plenum Press, pp. 121-135, 1989, Chance, B., ed. Cui et al., "Experimental Study of Migration Depth for the Photons Measured at Sample Surface," SPIE, 1431:180-191, 1991. Greenfield, "A Tissue Model For Investigating Photon Migration in Trans-Cranial Infrared Imaging," Photon Migration in Tissues, Plenum Press, pp. 147-168, 1989, Chance, B., ed. Sevick et al., "Analysis of absorption, scattering, and hemoglobin saturation using phase modulation spectroscopy," SPIE, 1431: 264-275, 1991. Sevick et al., "Photon migration in a model of the head measured using time- and frequencydomain techniques: potentials of spectroscopy and imaging," SPIE, 1431: 84-96, 1991. Weng et al., "Measurement of Biological Tissue Metabolism Using Phase Modulation Spectroscopy Technology," SPIE, 1431:161-171, 1991.

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